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PATENT  
Attorney Docket No. NCX-002

#6

P. Bauer  
7/5/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Hersent  
SERIAL NO.: 09/868,151 GROUP NO.: 2182  
FILING DATE: October 17, 2001 EXAMINER: Not Yet Assigned  
TITLE: METHOD OF TRANSPORTING PACKETS BETWEEN AN ACCESS  
INTERFACE OF A SUBSCRIBER INSTALLATION AND A  
SHARED NETWORK AND ACCESS INTERFACE  
IMPLEMENTING SAID METHOD

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231 on this 8<sup>th</sup> day of February, 2002.

Patrick R.H. Waller  
Patrick R.H. Waller

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MAR 04 2002

Technology Center 2100

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

Transmittal Form (1 pg); Information Disclosure Statement (2 pgs); Form PTO – 1449 (1 pg); Copies of cited references (A1, B1, B2, C1, C2, C3, C4, C5, and C6); Return Receipt Postcard; and this Certificate of First Class Mailing (1 pg).

TRANSMISSION  
FORM  
FEB 22 2002

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U.S. PATENT AND TRADEMARK OFFICE

Application Serial Number	09/868,151
Filing Date	October 17, 2001
First Named Inventor	Hersent
Group Art Unit	2182
Examiner Name	Not Yet Assigned
Attorney Docket No.	NCX-002
Patent No.	Not applicable
Issue Date	Not applicable

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ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <li><input type="checkbox"/> Check Attached</li> <li><input type="checkbox"/> Copy of Fee Transmittal Form</li> </ul>	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <ul style="list-style-type: none"> <li><input type="checkbox"/> Formal Drawing(s)</li> </ul>	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <ul style="list-style-type: none"> <li><input type="checkbox"/> Appeal Brief (in triplicate)</li> </ul>
<input type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <li><input type="checkbox"/> Preliminary</li> <li><input type="checkbox"/> After Final</li> <li><input type="checkbox"/> Affidavits/declaration(s)</li> <li><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]</li> </ul>	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <ul style="list-style-type: none"> <li><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)</li> </ul>	<input type="checkbox"/> Status Inquiry <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Return Receipt Postcard</li> <li><input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8</li> </ul>
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Terminal Disclaimer <ul style="list-style-type: none"> <li><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application</li> </ul>	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <ul style="list-style-type: none"> <li><input type="checkbox"/> Additional Enclosure(s) (please identify below)</li> </ul>
<input checked="" type="checkbox"/> Information Disclosure Statement <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Form PTO-1449</li> <li><input checked="" type="checkbox"/> Copies of IDS Citations</li> </ul>	<input type="checkbox"/> Small Entity Statement <ul style="list-style-type: none"> <li><input type="checkbox"/> CD(s) for large table or computer program</li> </ul>	<b>RECEIVED</b> MAR 04 2002 Technology Center 2100
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Amendment After Allowance <ul style="list-style-type: none"> <li><input type="checkbox"/> Request for Certificate of Correction</li> <li><input type="checkbox"/> Certificate of Correction (in duplicate)</li> </ul>	
<input type="checkbox"/> Sequence Listing submission <ul style="list-style-type: none"> <li><input type="checkbox"/> Paper Copy/CD</li> <li><input type="checkbox"/> Computer Readable Copy</li> <li><input type="checkbox"/> Statement verifying identity of above</li> </ul>		

CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
Testa, Hurwitz & Thibeault, LLP  
High Street Tower  
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Boston, MA 02110  
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SIGNATURE BLOCK

Respectfully submitted,

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PATENT

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Hersent

SERIAL NO.: 09/868,151 GROUP NO.: 2182

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SHARED NETWORK AND ACCESS INTERFACE  
IMPLEMENTING SAID METHOD

Assistant Commissioner for Patents  
Washington, D.C. 20231

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicant hereby makes of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed. Applicant believes that no fee is due with this submission. However, in the event that a fee is required, the Director is authorized to charge such fee to deposit account No. 20-0531.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

(1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or

(2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and

Information Disclosure Statement

Serial No. 09/868,151

Page 2 of 2

- the requisite Statement is below, **OR**
- the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- (3) after the mailing date of a **final action or notice of allowance** but before the payment of the **issue fee**, **AND**
- the requisite Statement is below, **AND**
- the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that:

- 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

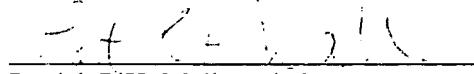
Date: February 8, 2002

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<b>FORM PTO - 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTORNEY DOCKET NO.: NCX-002 APPLICANT(S): Hersent SERIAL NO.: 09/868,151 FILING DATE: October 17, 2001 GROUP: 2182	
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**U.S. PATENT DOCUMENTS**

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	5,835,726	11/10/98	SCHWED et al.			

**FOREIGN PATENT DOCUMENTS**

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	B1	International Search Report for PCT/FR99/03097						RECEIVED	
	B2	2 323 757	09/30/98	GB				MAR 04 2002	Technology Center 2100

**OTHER ART, JOURNAL ARTICLES, ETC.**

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C1	GRAY A., "ROUTER ENCRYPTION MADE EASY – THE HARD WAY", DATA COMMUNICATIONS, Vol. 26, No. 2, February 1, 1997, Pages 36, 38
	C2	BRUNO L., "SECURITY DATA COMMUNICATIONS", Vol. 27, No. 1, January 1, 1998, Pages 88, 90
	C3	MAKRIS J., "LOCKING DOWN INTRANETS FROM AFAR – FOR LESS", DATA COMMUNICATIONS, Vol. 27, No. 11, August 1, 1998, Pages 25/26
	C4	HEYWOOD P., PRODUCT LEADERS FILTERS WITHOUT FUSS", DATA COMMUNICATIONS, Vol. 27, No. 8, May 21, 1998, Pages 29/30
	C5	BAUSPIESS, F. et al., "REQUIREMENTS FOR CRYPTOGRAPHIC HASH FUNCTIONS", COMPUTERS & SECURITY INTERNATIONAL JOURNAL DEVOTED TO THE STUDY OF TECHNICAL AND FINANCIAL ASPECTS OF COMPUTER SECURITY, Oxford, Great-Britain, Vol. 11, No. 5, September 1, 1992, Pages 427-429
	C6	DOTY, T., "A FIREWALL OVERVIEW", CONNEXIONS, Vol. 9, No. 7, Pages 20-23, July 1, 1995

EXAMINER	DATE CONSIDERED